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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/856,116	05/14/1997	FUSEN CHEN	AMAT/1931	2582
75	90 03/11/2002			
PATENE COUNSEL APPLIED MATERIALS INC P O BOX 450 A			EXAMINER	
			PERALTA, GINETTE	
SANTA CLARA, CA 95052			ART UNIT	PAPER NUMBER
			2814	
			DATE MAILED: 03/11/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

8719	Application No.	Applicant(s)			
Advisory Action	08/856,116	CHEN ET AL.			
,	Examiner	Art Unit			
	Ginette Peralta	2814			
The MAILING DATE of this communication appe					
THE REPLY FILED 18 January 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.					
PERIOD FOR REPLY [check either a) or b)]					
a) The period for reply expires 3 months from the mailing date of the final rejection.					
b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).  Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee					
have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).					
1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.					
2. The proposed amendment(s) will not be entered because:					
(a) they raise new issues that would require further consideration and/or search (see NOTE below);					
(b) ☐ they raise the issue of new matter (see Note below);					
(c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or					
(d) they present additional claims without canceling a corresponding number of finally rejected claims. NOTE:					
3. Applicant's reply has overcome the following rejection(s):					
4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).					
5.☑ The a)☐ affidavit, b)☐ exhibit, or c)☑ request for reconsideration has been considered but does NOT place the application in condition for allowance because: <u>See Continuation Sheet</u> .					
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.					
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.					
The status of the claim(s) is (or will be) as follows:					
Claim(s) allowed:					
Claim(s) objected to:					
Claim(s) rejected: <u>15-18,21,23</u> .					
Claim(s) withdrawn from consideration:					
. ☐ The proposed drawing correction filed on is a) ☐ approved or b) ☐ disapproved by the Examiner.					
9. Note the attached Information Disclosure Statement(s)( PTO-1449) Paper No(s)					
10. Other:					

Continuation of 5. does NOT place the application in condition for allowance because: Regarding Applicant's arguments that Taguchi et al. does not show selectively depositing a metal layer on the underlayer exposed in the feature and that Zhao et al. does not show depositing a first barrier layer over a blanket dielectric layer and forming a feature through the first barrier layer and the blanket dielectric layer to expose an underlaye, it is noted that the examiner relies on Zhao et al. for the selective deposition of a metal layer through the use of a titanium nitride layer, noting that Taguchi teaches the use of titanium nitride as a barrier layer and thus the combination of selective deposition on titanium nitride layer is obvious, and the examiner relies on Taguchi et al. or the teachings of forming a feature through a first barrier layer and a blanket dielectric layer. Furthermore, it is noted that Zhao et al. emphazises on the teaching of being able to use titanium nitride for the selective deposition and thus this is a disclosed intended purpose that is combinable with Taguchi's teaching of depositing a conductive layer.

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